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p53-siRNAtemplate-19bp

(SEQ ID NO. 2)

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-5 ' (SEQ ID NO.4)

p53-siRNAtemplate-27bp

SEQ ID NO.6)

.... AATTCATCTATGT -- (SEQ ID NO.1)GTAGATACA-ECORI --GGACGAG..... --CCTGCTCCTAG... U6 promoter

pLSLP-H1siRNA

BamHI

genge

loop

antisense

gatccgGATGATCTGGATCCACCAAttcaagagaTTGGTGGATCCAGATCATCttttg -3 '(SEQID NO.3)

ı -2 gcCTACTAGACCTAGGTGGTTaagttctctAACCACCTAGGTCTAGTAGaaaaacttaa

loop

 gatccgGGTGATCTGGATCTACCAAGGCTTGTTttcaagagaAACAAGTCTTGGTGGATCCAGATCATCttttg
 31(SEQ ID NO.5) antisense sense

2-

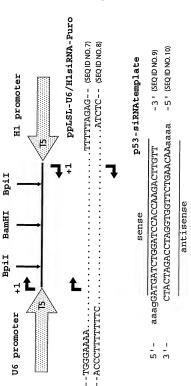
gcCCACTAGACCTAGATGGTTCCGAACAAaagttcttTTGTTCAGAACCACCTAGGTCTAGTAGaaaaacttaa -5'

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CONF. No.: 6802 TITLE: METHOD FOR GENE FUNCTION ANALYSIS PAGE 12 OF 12 12/12 (SEQ ID NO. 14) CAGAAGATGCTCACGACGCT AGCAGAAGACTaaaaaGNNNNNNNNNNNNNNNNNNNNNNNNNNN EE EATGTCTTCTACGA (SEQID NO.11) AGCAGAAGACTaaaaGNNNNNNNNNNNNNNNNNNNNNNNNNN tttatgtcttctacga (SEQ ID NO.13) (SEQ ID NO. 15) (SEQ ID NO. 16) Insert into pFIV-U6/H1siRNA-Puro precut vector ACGCAGGTGTAGCAGAAGACTaaaaGNNNNNNNNNNNNNNNNNNNNNNNLL L LATGTCTTCTACGAGTGCTGCAA TGCGTCCACATCGTCTTCTGALtttCNNNNNNNNNNNNNNNNNNNNNNAaaaaTACAGAAGATGCTCACGACGCT --ACCCTTTTCHNNNNNNNNNNNNNNNNNNNNNNNNNNNNAaaaATCTC-- (SEQ ID NO. 20) Bpil Restriction Digestion Add Flanking Primers Detachment of Oligos aaagnnnnnnnnnnnnnnnnnnnnnnnn (seo id no. 17) PCR Sense ACGCAGGTGTAGCAGAAGA (SEQ ID NO.12) ម្លាំ Vector -2

Vector

FIG. 12

Oligonucleotide Synthesis on the Surface of Glass Microarray

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